

Title (en)
A PNEUMATIC TIRE

Publication
EP 0317488 B1 19930203 (EN)

Application
EP 88630192 A 19881104

Priority
US 12090587 A 19871116

Abstract (en)
[origin: EP0317488A2] A pneumatic tire having gum strips (19,21) for encapsulation of the cut edge of a cord reinforced ply (14), in particular a carcass ply. The gum strips are formed from an elastomeric compound having physical properties such that its 300% Modulus (ASTM D412) is comprised between 5 and 7 MPa and its Shore A Hardness (ASTM D1415) is comprised between 55 and 65. It has been found that such gum strips when used in the bead portion (11) of a tire to encapsulate the ply end (18), improve the durability of the tire.

IPC 1-7
B60C 15/00; **B60C 15/06**

IPC 8 full level
B60C 15/00 (2006.01); **B60C 15/06** (2006.01)

CPC (source: EP KR US)
B60C 15/04 (2013.01 - KR); **B60C 15/06** (2013.01 - EP US); **B60C 15/0635** (2013.01 - EP US); **B60C 2015/0621** (2013.01 - EP US); **B60C 2015/0625** (2013.01 - EP US); **Y10T 152/10864** (2015.01 - EP US)

Cited by
CN102825984A; FR2976219A1; EP0844109A1; US6129128A; CN108473006A; US8905102B2; WO9856603A1; US6543503B2; US6823914B2; US9421830B2; WO2012168270A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0317488 A2 19890524; **EP 0317488 A3 19891220**; **EP 0317488 B1 19930203**; AR 244136 A1 19931029; AU 2515088 A 19890518; AU 602264 B2 19901004; BR 8805911 A 19890801; CA 1324568 C 19931123; DE 3878170 D1 19930318; DE 3878170 T2 19930805; JP H01156107 A 19890619; KR 890007940 A 19890706; KR 960007031 B1 19960527; MX 165651 B 19921126; US 4842033 A 19890627

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EP 88630192 A 19881104; AR 31237088 A 19881102; AU 2515088 A 19881115; BR 8805911 A 19881111; CA 583147 A 19881115; DE 3878170 T 19881104; JP 28691488 A 19881115; KR 880014988 A 19881115; MX 1378588 A 19881104; US 12090587 A 19871116